












Medium Duty Yoke Clamp

## IFNZ MEDIUM DUTY PIPE CLAMPS AON APPROVED FOR SPRINKLER SYSTEMS

| CODE    | DESCRIPTION   | YOKE HOLE | NB  | OD    | MATERIAL | BOLTS  | FINISH      | DESIGN LOAD |
|---------|---|-----------|-----|-------|----------|--------|-------------|-------------|
| PCYK050 | 50NB Medium Duty Yoke Clamp<br>    | M12       | 50  | 60.3  | 40x5     | M12x50 | BLACK / HDG | 20 kN       |
| PCYK065 | 65NB Medium Duty Yoke Clamp<br>    | M12       | 65  | 76.1  | 40x5     | M12x50 | BLACK / HDG | 20 kN       |
| PCYK080 | 80NB Medium Duty Yoke Clamp<br>    | M12       | 80  | 89.0  | 40x5     | M12x50 | BLACK / HDG | 20 kN       |
| PCYK100 | 100NB Medium Duty Yoke Clamp<br> | M12       | 100 | 114.3 | 40x5     | M12x50 | BLACK / HDG | 20 kN       |
| PCYK125 | 125NB Medium Duty Yoke Clamp<br> | M12       | 125 | 139.7 | 40x5     | M12x50 | BLACK / HDG | 20 kN       |
| PCYK150 | 150NB Medium Duty Yoke Clamp<br> | M12       | 150 | 165.1 | 40x5     | M12x50 | BLACK / HDG | 20 kN       |
| PCYK100 | 100NB Medium Duty Yoke Clamp<br> | M12       | 100 | 114.3 | 40x5     | M12x50 | BLACK / HDG | 20 kN       |
| PCYK125 | 125NB Medium Duty Yoke Clamp<br> | M12       | 125 | 139.7 | 40x5     | M12x50 | BLACK / HDG | 20 kN       |
| PCYK150 | 150NB Medium Duty Yoke Clamp<br> | M12       | 150 | 165.1 | 40x5     | M12x50 | BLACK / HDG | 20 kN       |
| PCYK200 | 200NB Medium Duty Yoke Clamp<br> | M16       | 200 | 219.1 | 40x6     | M12x60 | BLACK / HDG | 20 kN       |

\*\* Design load safety factor of 2.0

*IFNZ Sprinkler System Equipment is all AON approved and complies with the seismic provisions of the Sprinkler Standard (NZS4541:2013 and NZS4515:2009).*

| <b>LISTING CERTIFICATE – SPRINKLER SYSTEM EQUIPMENT</b>  |   |
|--|---|
| As per section 114 of NZS 4541:2013 and NZS4515:2009 Appendix G  |   |
| This is to confirm that, on the basis of the information supplied in the application for listing of the equipment dated 19/09/2016 this organisation, as the nominated Sprinkler System Certifier considers that the appropriate requirements of NZS 4541:2013 and NZS4515:2009 have been adequately met with respect to the item described below, for use under the conditions set out on this certificate. |   |
| Item: Pipe clamps  |   |
| For use as: Seismic bracing and pipe hangers   |   |
| Certificate number M65   | Effective from 11/10/2016                 |
| Manufacturer / Supplier: Industrial Fittings (IFNZ)  |   |
| Make: Medium duty pipe clamp   |   |
| Model: PCYK – M12 and M16 yoke hole  |   |
| Reference information: Destructive testing by Chain & Rigging Supplies Ltd   |   |
| Range limitations 50mm – 150mm nb with M12 Yoke hole<br>200mm – 200mm nb with M16 Yoke hole  |   |
| Restrictions and warnings  |   |
| Maximum loads when used as a hanger  |   |
| 50nb – 200nb rated for 2000 kG before any factors of safety are applied.   |   |
|  |   |
| Maximum loads when used as a brace   |   |
| 50nb – 200 nb rated for 20 kN (Has a 2.0 factor of safety applied)   |   |
|  |   |
| Special conditions   |   |
| Loads are based on peak loads limits determined from destructive testing   |   |
| Signed    | Date 11.10.16                             |
| Name<br>IANZ Approved Signatory: Stephen Ridder  | Designation<br>Fire Protection Consultant |